

Appendix G: Massachusetts Watershed Initiative Annual Work Plans for the Mystic River Watershed

The following table provides a brief summary of the Annual Work Plans developed by the Massachusetts Watershed Initiative's Boston Harbor Team and later the Mystic River Watershed Team, for Fiscal Years 1999 through 2004. The FY 2004 plan was not implemented because the Watershed Initiative was discontinued. Many of the projects listed in the work plans are nonetheless proceeding, with continuation funding or with funding from alternative sources.

Table G.1: Mass. Watershed Initiative Priority Projects for the Mystic River Watershed

Project*	Partners	Location	Estimated Cost
<i>FY 1999 (Boston Harbor Watershed)</i>			
Sample/assess major WQ parameters, develop appropriate QAPPs	MWRA, EPA, watershed associations	Basinwide (freshwater portion)	\$90,000
Restore fish (herring) passage between Upper and Lower Mystic Lakes – interim fish ladder	USFWS, DFWELE, MyRWA, Mystic River Coalition	Arlington, Medford, Winchester	\$10,000
<i>FY 2000 (Boston Harbor Watershed)</i>			
Development and installation of streamflow staff gages			
Aberjona-Mystic River H&H study			
Water quality monitoring project (continuation – source bracketing and toxics sampling)	MWRA, EPA, watershed associations, USGS		
<i>FY 2001 (Boston Harbor Watershed)</i>			
Development of basinwide water quality strategy	EOEA, towns, MAPC, CZM, DEP UMass	Basinwide	\$65,000
Assessment & analytical services in support of volunteer monitoring efforts	MyRWA, in-kind lab support from EPA, MWRA, Charles River Watershed Assoc.	Basinwide	\$20,000
Upper Mystic Lake dam assessment (H&H study), repair and fish ladder installation	MDC, DEM, Tufts, towns	Upper Mystic Lake	\$20,000
Assessment of instream flow dynamics and pollutant loading in a dam-controlled basin (Lower Mystic/Alewife Brook)	MAPC, Tufts, Mystic River Coalition, towns	Lower Mystic, Alewife Brook	\$50,000
Watershed boundary and stream crossing signage	EOEA, MDC, towns, local businesses	Basinwide	
<i>FY 2002 (Boston Harbor Watershed)</i>			
Basinwide water quality monitoring	MWRA, EPA,	Basinwide (fresh	\$40,000 (Mystic

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Project*	Partners	Location	Estimated Cost
and sampling (includes continuation of Mystic monitoring started in FY 99).	watershed associations, USGS	water portion)	\$10,000)
Chelsea Creek Master Plan	CCAG	Chelsea, East Boston	\$12,000
Alewife Brook/Mystic River Assessment and Action Plan	MyRWA	Basinwide	\$19,000
<i>FY 2003 (Mystic Watershed Team)</i>			
Water quality monitoring (continue baseline, expand hotspot monitoring, add saltwater sampling)	USGS, EPA, Tufts, MyRWA, MWRA, towns	Basinwide	\$25,000
Stream team development and implementation (formation of new stream teams)	MyRWA, towns, Riverways	Boston Harbor basinwide	\$2,000
Mapping of bottom-sediment quality in the Lower Mystic	USGS, EOEA	Lower Mystic, Chelsea Creek	\$25,000
Study of the Amelia Earhart Dam (review of impacts and operations)	MDC, ACOE, EPA, Mystic Valley Development Commission, Malden River Park Task Force	Amelia Earhart Dam	\$10,000
Restoring critical ecosystem: (1) rapid ecological assessment (2) model restoration project	The Watershed Institute, DEM, MAPC, Boston College, Tufts, USDA, MyRWA, CCAG, Eagle Eye	Basinwide	\$20,000
Invasive control pilot project – Yates Pond	MDC, MBTA, City of Cambridge	Yates Pond	\$18,000
Evaluation of local stormwater management measures and recommendations for communities (substitute project)	DEP, EOEA, DEM, MAPC, AVDC, USGS, towns, MyRWA	Basinwide	\$12,000
Chapter 91 sites and coastal access project map at Chelsea Creek (substitute project)	CZM, DEP, EOEA, MAPC, MassBays, BHA	Chelsea Creek	\$3,000

* Includes only projects with a basinwide or Mystic watershed-specific scope.

Source: *Massachusetts Watershed Initiative Annual Work Plans (Boston Harbor and Mystic River)*